

Harnessing the power of innov'action in Municipal Water?

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Canadian
Water & Wastewater Association



NIAGARA FALLS, ONTARIO
NOVEMBER 12 - 15, 2023

National Water & Wastewater Conference 2023 Nov 12-15, 2023



thanks for having me today

Global Technology Leader, Biology Applications & Systems

20+ years experience
in the **Municipal Water Sector** at international



DB □ **O&M**



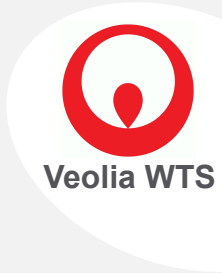
DBO □ **Water Tech**



Veolia Water Technologies and Solutions

Oakville, Ontario

#weare
RESOURCERS



- **650+** collaborators
- Engineering, Procurement, Services, Technology Provider
- **Global Research & Innovation, Technology R&D**

Products

Applications & Systems

Biology Intensification in Wastewater & Reuse



UF-MBR

Canadian

success story worldwide!



made possible with

early Municipal
support!

ZENON ► GE Water ► SWTS ► **Veolia**

1980



2006



2017



2022



Municipal Water
how to translate...

innovation

Municipal Water
into...

innov'ation

Water Tech + O&M

we innovate hand-in-hand with Water Utilities!



UF-MBR
Canadian success story
worldwide!



made possible with
early Municipal
support!



we need the same Municipal support for
our new **biotech** innovations!



ZeeLung™



MABR



ZeeWeed™



MBR

innov'ation success stories with Water Utilities

Water Tech  O&M



zeeDENSE™ reference
since 2022



ZeeNAMMOX™ reference
since 2022



memDENSE™ reference
since 2023

Municipal Water




zeeDENSE™
ZeeNAMMOX™
memDENSE™

NAM
Singapore
NAM

Municipal Water 
Municipal  er Utility
Municipal Water 

O&M

Water Tech

Veolia WTS Oakville 
Veolia WTS Oak 
Veolia WTS Oakville 



recipe for success?

Water Tech



O&M Water Utilities



create
fast



create
right



de-bottleneck
Municipal Water Utilities
to engage,
articulate regulation with
innovation testing



cliché

“small entities are creative
and innovate fast”
e.g. start-ups, spin-offs,
unicorns



hurdle

risk averse posture
“we need approval by
regulation authorities to
test innovation”

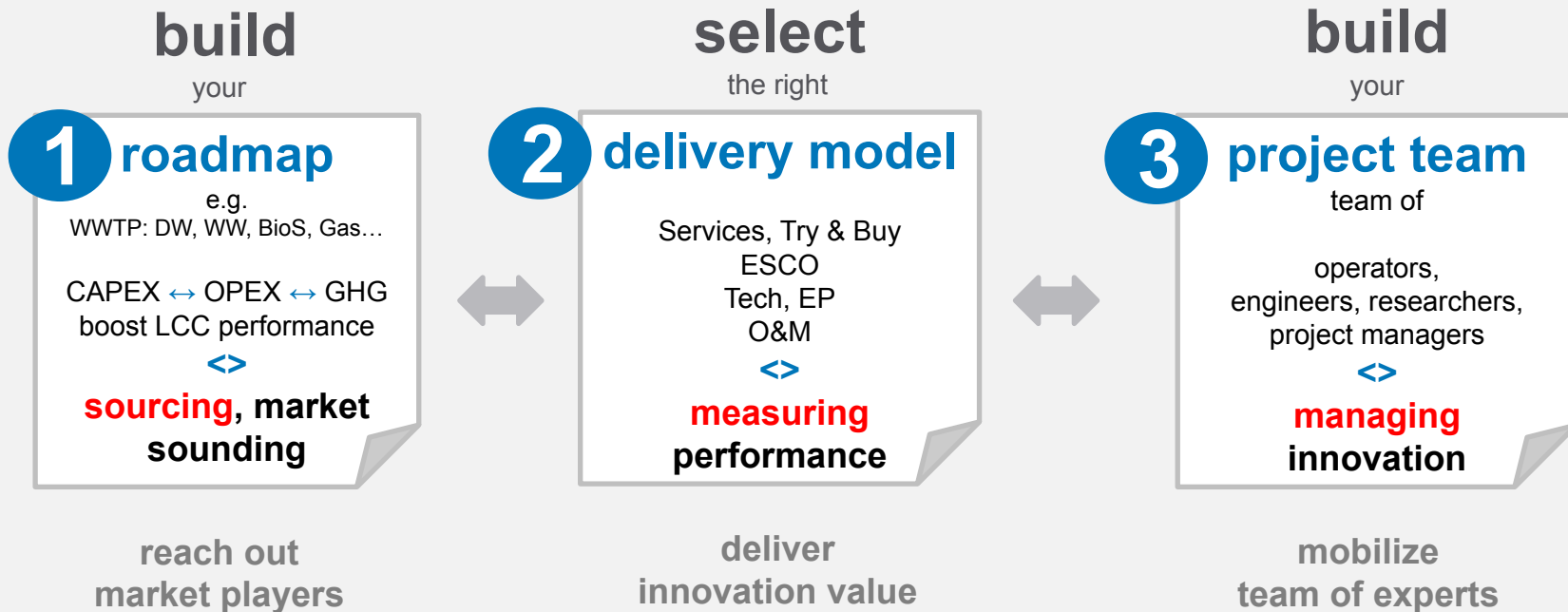


roadmap
+ delivery model
+ innovators



innov'ation plan

Water Tech + O&M



innov'action for Municipal Water

Water Tech  O&M

solutions


ZeeLung™
process intensification
GHG reduction



ZeeDENSE™

ZeeNAMMOX™

#weare
RESOURCES

drop-in solutions

modular, scalable

fast implementation


ZeeWeed™
sensitive discharge
water reuse



memDENSE™



experts



Veolia WTS helps Water Utilities in their innovation path

with **support from experts, engineers, researchers**
access to a **unique portfolio of water tech innovations**

partners

THANK YOU!

